

Abstract

Gas Discharge Lamp Drive Circuitry

5 The present invention relates to an apparatus and method
for driving a gas discharge lamp, and in particular for
dimming fluorescent lamps or tubes. An electronic circuit
for controlling a gas discharge lamp (4) comprises
7 generation means for generating a high frequency pulse
10 train that may be applied to the electrodes of the lamp
7 (4) to light the lamp, means by which the generation means
may be connected to an electrical power source, a choke
9 (L3) to limit the current drawn by the lamp (4), means (3)
for producing a first (P0) series of pulses and
15 independent from this a second (P1) series of pulses, and
(2 means (T0, T1, L3) for combining additively the first and
second series of pulses to produce the high frequency
pulse train.

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Figure 4

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